Hagard ID								Hazard Identification						Hazandous Event Classification						Determination of ASIL and Safety Goals	
	Operational Mode	Operational Scenario	Environments I Details	Situation Details	Details (optional)	(function)	Situation Description	Function	Deviation	Deviation Details	Hazardous Event (resulting effect)	Event Details	Hazardous Event Description	Exposure (of situation)	Rationale (for esposure)	Severity (of potential harm)	Rationale (for severity)	Controllability (of hazardous event)	Rationale (for controllability)	ASIL Determinati on	Safety Goal
HA-001	OMES- Normal dising	OS04 - Highway	DNDG - Rain (slippery road)	speed		used	highway during rain (slippery road) with high speed and correctly used system.	Lane Departure Warning (LDW) function shall apply an oscillating steering torque to provide the driver with haptic feedback	too-much	much torque (above limit)		steering uncortrollable by driver hence car can collide with other whicle.	torque (above limit)	probability	Driving on a highway during rain can happen once a morth or more depending on driver's location.	injuries	Car is on high speed.	control or uncontrollable	Most drivers will not be able to control steering on high speed during rain.	c	The LDW steeling torque function shall be limbed.
HA-002		Country Road		SD02 - High speed		incorrectly used	country road during normal conditions with high speed and incorrectly		always activated	activated.	with other vehicle.	much and may loose attention			This situation is having very sare probability, less than 1%	or tatal injuries	cause fata injuries	control or uncontrollable	Once driver looses control, it become very difficult to cortrol vehicle		LIKA function excess usage shall be sierted or stopped after certain time limit
HA-003	driving	OS03 - Country Road	view)	SD03 - Normal acceleration		incorrectly used	roads during snowfall (degraded view) with normal acceleration.	Lane Keeping Assistance (LKA) function shall apply the steering torque when active in order to stay in ego tane	DV19 - Sensor detection is wrong	Because of snow, sensor is unable to find correct ego lane	EV64 - Car comes off the road	Since car detects incorrect lane it will try to maintain incorrect lane and driver might not be able to gain	is unable to find correct ego lane	£2 - Low probability	Driving on country roads during snow has occures less often	or tatal injuries	Car may collide with other road or objects	C2 - Normally correctable	Since car is normally driving with normal acceleration, normally driver can control it.	^	LKA function shall alest or stop if ego lane is not detectable
HA-004		OS04 - Highway	EN01 - Normal conditions	SD02 - High speed		used	highway during normal conditions with high	Lane Departure Warning (LDW) function shall apply an oscillating steering sorque to provide the driver with haptic feedback		LDW is activated even if camera sensor is stoppedidsubled		LDW incorrectly applies torque, making driver bose corrol of the vehicle.	LDW is activated even if camera sensor is stopped/disabled	£3 - Medium probability	Driving on highway with tain could happen 1% to 10% of the time	53 - Life-threatening or fatal injuries	speed can cause	C3 - Difficult to control or uncontrollable	incorrect tonque at high speed makes which uncontrollable.	e	LDW shall be disabled if one of the subsystem on which it is dependent is not working correctly.